♦ ESTABLISHED 1874. ♥

# -GENTRAL \* STOCK \* HOUSE >

ILLUSTRATED CATALOGUE



RIGHARD H. MORAN,

231 CENTRE STREET, NEW YORK CITY.





# Central Stock Bouse.

## TERMS:

Cash, or Collect on Delivery.

Persons unknown to me will remit part of the estimated amount of bill with order, remainder to be sent C. O. D.

Orders for shipment per freight lines must be accompanied with the amount of invoice.

As prices of all kinds of goods fluctuate, this catalogue gives merely their value at date of issue.

Not liable for breakage in transportation, as Goods are carefully packed. Yours truly,

## RICHARD H. MORAN,

NEW YORK, Nov. 1, 1883.

# CONTENTS.

Agate Ware 41, 42	Glass 45, 46
Acid Dishes 42	Gold and Silver Saucers 56
Albumen Paper, etc 56	Head Rests 23, 24
American Songster 59	Hard Rubber Goods 40, 61
Burnishers 35-37	Hydrometers 52
Brushes	Inside Dry Plate Kits 22
Backgrounds, etc 47	Lenses 3–9
Books 57	Lead Pencils 47, 53
Backboards, Screw Eyes 61	Lockwood's Photo. Clip 53
Cameras 10-20	Lily Easels
Camera Stands 25-28	Lamps and Lanterns 65, 67
Chairs 29-35	Mortars and Pestles 44
Collodion Vials, Filters, etc. 43, 44	Medallion Masks 52
Chemicals 48, 51	Negative Boxes 45
Collodions, Cottons, Var-	Negative Rack 46
nishes, etc 50, 51	Negative Washing Boxes 54
Card Stock, Mats, etc 61-63	Plate Holders 20-23
Developing Bottle 59	Porcelain Ware 41
Egyptian Colors 52	Printing Frames 46
Etceteras	Peerless Varnish Pot and
Focussing Glass 10	Filterer 54
Ferrotype Outfits 38, 39	Photo. Printing & Retouch-
Filtering Cottons, etc 39	ing 55
Filtering Papers 50	Picture Cord 61
Foregrounds 53, 57	Retouching Frame 36
Ferro. Plates 57, 58	Scales and Weights 44
Glass Baths 39, 40	Stoves and Furnaces 60
Graduates and Funnels 44, 61	Table Covers, Draperies, etc. 46, 53
Glass Patterns 44	Vulcanite Trays 51
77	J-

## PRICE-LIST

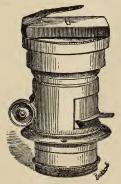
OF

# Photographic Materials,

FOR SALE BY

## RICHARD H. MORAN.

"Peerless" Quick-Acting Portrait Lenses.



#### PRICES.

No. 1 a. 1-4 size, Double Achromatic Lenses, 21 in. diameter,	
focal length, 4 in., rack and pinion, and fitted with five Wa-	
terhouse Diaphragms, in morocco case,	\$22 50
No. 2 a. 1.2 size, Double Achromatic Lenses, 25 in. diameter,	
focal length 7 in., rack and pinion, and fitted with seven Wa-	
terhouse Diaphragms in morocco case,	36 <b>oo</b>
No. 3 a. 4.4 size, Double Achromatic Lenses, 3 in. diameter,	
focal length 9 in., rack and pinion, and fitted with eight Wa-	
terhouse Diaphragms in morocco case,	54 00
These Lenses are Guaranteed first-class in every respect.	

## Morrison's Wide-Angle View Lenses.

These Lenses are absolutely rectilinear; they embrace an angle of fully 100 degrees, and are the most rapid wide-angle lenses made.

	Diameter		Equivalent		
No.	of Lens.	Size of Plate.	Focus.	Price.	
00,	3 inch,	$2\frac{1}{2} \times 2\frac{1}{2}$ inch,	13 inch,	Each, \$22 50)	These 3 sizes will
ο,	8 "	3 x 3 "	21/4 "	" 22 50	fit into I flange.
I,	8 46	4 × 4 "	3 "	" 22 50 <sup>)</sup>	
2,	I "	4 x 5 "	3½ "	" 22 50)	
3,	I "	4½ x 7½ "	41 "	" 22 50	
4,	I "	5 x 8 "	54 "	" 22 50	These 5 sizes will fit into 1 flange.
5,	I "	$6\frac{1}{2} \times 8\frac{1}{2}$ "	63 "	" 22 50	· ·
6,	I "	8 x 10 "	8 "	" 27 00 )	
7,	11 "	11 x 14 "	10½ "	" 36 00 )	These 2 sizes will
8,	11 "	14 x 17 "	14 "	" 54 00 9	fit into 1 flange.
9,	I ½ "	17 x 20 "	17 "	" 72 00 )	These 2 sizes will
10,	I 4 "	20 x 24 "	22 "	" 110 00	fit into I flange.

REMARKS.—Nos. 1 to 6 are all made in matched pairs for stereoscopic work. The shorter focussed Lenses are especially adapted for street and other views in confined situations. For general purposes, a pair of No. 3 lenses will be found most useful.



# Morrison's New Rapid Copying Lens.

The B Lens is supplied with sliding stop for instantaneous work, without extra charge. Sliding stop to C and CC, \$5 extra.

These Lenses work with full aperture for groups, and will copy absolutely sharp to the corners of the plate, marked under the head of "Size of Landscape." They are Absolutely Rectilinear.

				Equivalent			
	Size of Group.	Landscape.	Back Focus.	Focus.			Each.
В,	4 x 4 in.,	5 x 8 in.,	5½ in.,	6 in., .	•		\$36 00
C,	4 × 5 "	$6\frac{1}{2} \times 8\frac{1}{2}$ "	71/2 "	8 " .			40 00
CC,	5 x 6 "		104 "	II".	•		54 00
D,	$6\frac{1}{2} \times 8\frac{1}{2}$ "	11 x 14 "	124 "	13 " .			63 00
Ε,	8 x 10 "	14 x 17 "	15 "	16 ".			72 00
F;	IO X I2 "	17 x 20 "	18 "	$19\frac{1}{2}$ ".			90 00
G,	11 x 14 "	18 x 22 "	23 "	244 "		•	110 00
CC, D, E, F,	5 x 6 " 6½ x 8½ " 8 x 10 " 10 x 12 "	8 x 10 " 11 x 14 " 14 x 17 " 17 x 20 "	10¼ " 12¼ " 15 " 18 "	11 " . 13 " . 16 " . 19½ " .	•		54 63 72 90

# Voigtlander's Wide-Angle Euryscopes,

For Landscapes and Reproductions.

Under certain circumstances, particularly in making reproductions (copying) it is important to obtain the greatest possible angle of view, which has induced Voigtlander to modify the construction of the ordinary Euryscopes—whose chief aim is illuminating power—so as to secure a picture of good size and flatness of field, an advantage gained only at an expense of illumination.

Size.	Aperture of Lens.	Equivalent Focal Length.	Size Plate with Full Aperture.	Size Plate with Smallest Stop.	Price.
co	5-12 inch.	3½ inch.	3 x 4 inch.	4 x 5 inch.	\$ 27 00
0	6-12 "	41 66	4 x 5 "	5½ x 7 "	29 00
I	7-12 "	5 3 "	5½ x 7 "	$6\frac{1}{2} \times 8\frac{1}{2}$ "	34 00
2	8.12 "	61 "	$6\frac{1}{2} \times 8\frac{1}{2}$ "	8 x 10 "	39 00
3	9-12 "	71 "	8 x 10 "	IO X I2 "	48 00
	I "	9 "	IO X 12 "	12 X 14 "	65 00
4 5 6	14 "	9 "	142/3 "	16 "	82 00
6	11/2 "	20 "	17 1/2 "	193 "	100 00
7	18 "	25 "	21 "	23 "	13000
7 8	2 "	32 "	26 "	29 "	225 00
9	28 "	48 "	40 "	44 "	400 00

Nos. oo and o may be had in matched pairs, for Stereoscopic work.

Nos. oo to No. 4 inclusive are, for reasons stated above, excellent for photographing interiors.

In confined situations, where the ordinary Euryscope is not available, these Wide-angle Euryscopes are most excellent, as they embrace objects not accessible with the aid of the former. The smaller sizes are better adapted to this purpose, while the larger sizes answer admirably for reproductions.

# Voigtlander's Improved Euryscope,

For Groups, Full-length Figures, and Large Heads.

This Lens has lately been improved, so that it now works in considerably less time than formerly, still retaining its remarkable qualities, such as correct definition, uniform illumination and depth of focus.

(The equivalent focus of each lens is given in German inches—as calculated by Voigtlander—a German inch being but a trifle longer than the English inch.)

The back for	ocus obtained	with any size	Euryscope by	focussing on	ob-
jects fifteen fe	eet away is nea	arly equal to t	the Equivalent	Focus.	

Size.	Diameter of Lens.	Equivalent Focal Length.	Size Portrait or Group.	Size Landscape.	Price.
0	1 1-16 inch.	4# inch.	4 x 5 inch.	5 x 6 inch.	\$ 27 00
*00	I I · 4 "	61 "	5 x 7 "	6 x 8 "	37 50
I	19.16 "	84 "	$6\frac{1}{2} \times 8\frac{1}{2}$ "	8 x 10 "	45 00
2	1 13-16 "	95 66	8 x 10 "	10 x 12 "	52 00
3	21.6 "	111 46	10 x 12 "	IIX 14 "	65 00
4	29.16 "	143 "	11 x 14 "	14 × 17 "	87 00
5	3 1-8 "	17½ "	14 x 17 "	17 x 20 "	130 00
6	3 1-2 "	213 "	17 x 20 "	18 x 22 "	170 00
7	4 1.8 "	241 "	18 x 22 "	20 x 24 "	210 00
8	5 3-16 "	32 "	27 x 32 "	30 x 36 "	390 00

<sup>\*</sup> Is an intermediate size, which has been recently added to the series.

# Voigtlander's Objectives for Portraits & Groups.

First Series of Normal Power of Light, Quick-working.

- No. 1. Double objective, of  $1\frac{5}{3}$  inch diameter (back focus 4 inches), with rack and pinion movement and central stops. Suitable for plates  $4\frac{1}{4} \times 3\frac{1}{4}$  inches, \$33 00.
- No. 2. Double objective, of  $1\frac{5}{6}$  inch diameter (back focus  $4\frac{1}{2}$  inches), with rack and pinion movement and central stops. Suitable for plates  $5 \times 4$  inches, \$41 50.
- No. 3. Double objective, of  $2\frac{1}{5}$  inch diameter (back focus 5 inches), with rack and pinion movement and central stops. Suitable for plates  $5\frac{1}{2} \times 4\frac{1}{5}$  inches, \$50 00.
- No. 4. Double objective, of  $2\frac{5}{6}$  inch diameter (back focus  $6\frac{1}{2}$  inches), with rack and pinion movement and central stops. Suitable for plates  $7 \times 2\frac{3}{4}$  inches, \$72 00.
- No. 5. Double objective, of  $3\frac{1}{8}$  inch diameter (back focus 8 inches), with rack and pinion movement and central stops. Suitable for plates  $8\frac{1}{2} \times 6\frac{1}{2}$  inches, \$90 00.
- No. 6. Double objective, of  $3\frac{1}{2}$  inch diameter (back focus 9 inches). Rigid mounting, with central stops. Suitable for plates 10 x 8 inches, \$130 00.
- No. 7. Double objective, of 4½ inches diameter (back focus 14 inches). Rigid mounting, with central stops. Suitable for plates 14 x 12 inches, \$160 00.

## SECOND SERIES.

Objectives of Great Illuminating Power. Rapid Workers.

No. o. Double objective, of \(^3\) inch diameter, (back focus 2 inches). Rigid mounting, \(^327\) oo.

No. 3, B. Double objective, of  $2\frac{1}{3}$  inch diameter, (back focus  $4\frac{1}{3}$  inches), with rack and pinion movement and central stops. Suitable for plates  $5 \times 4$  inches, \$57 oo.

No. 4, B. Double objective, of  $2\frac{1}{5}$  inch diameter, (back focus  $5\frac{1}{2}$  inches), with rack and pinion movement and central stops. Suitable for plates  $6\frac{1}{4} \times 5\frac{3}{4}$  inches, \$78 oo.

No. 5, B. Double objective, of  $3\frac{1}{8}$  inch diameter, (back focus  $6\frac{1}{2}$  inches), with rack and pinion movement and central stops. Suitable for plates  $7 \times 5\frac{3}{4}$  inches, \$90 00.

No. 6, B. Double objective, of  $3\frac{1}{2}$  inch diameter, (back focus 8 inches). Rigid mounting, with central stops. Suitable for plates  $8\frac{1}{2} \times 6\frac{1}{2}$  inches, \$130 00.

No. 7, B. Double objective, of 44 inch diameter, (back focus 11 inches). Rigid mounting, with central stops. Suitable for plates 12 x 10 inches, \$160 00.

## THIRD SERIES.

Objectives of Less Rapidity, but Greater Focal Depth.

No. 5, A. Double objective, of 3\frac{1}{3} inch diameter, (back focus 9 inches), with rack and pinion movement and central stops. Suitable for plates 10 x 8 inches, \$90 00.

No. 8. Double objective, of 5\frac{1}{4} inch diameter, (back focus 16 inches). Rigid mounting, with central stops. Suitable for plates 16 x 13 inches, \$290 00.

No. 9. Double objective, of 6½ inch diameter, (back focus 20 inches). Rigid mounting, with central stops. Suitable for plates 20 x 17 inches, \$435 00.

We give the back focus of the different sizes by focussing on an object about 20 feet distant.

# Darlot Hemispherical Wide-angle Rectilinear View Lenses.

These Lenses embrace an angle of 90 degrees, and are valuable for

taking views of buildings, interiors, etc., in confined situations, where those of longer focus cannot be used.

No.	Ι,	back focus	$2\frac{1}{2}$	inches,	size view	for	stereo. work,	each,	\$12 50
66	2,	66	3	66	6.6		6.6	6.6	15 00
66	3,	66	5	66	66	8 x	10,	6.6	20 00
66	4,	66	8	6.6	" I	ох	12,	6.6	25 00
66	5,	" I	2	6.6	" I	4 X	17,	66	35 00
64	6.	" I	6	6.6	" I	7 X	20,	4.6	50 00

# Darlot Rapid Hemispherical View Lenses.

These Lenses embrace an angle of from 60 to 75 degrees; are quick-acting, perfectly rectilinear and provided with central stops. Will be found very fine Lenses for landscapes and out-door groups; also for copying engravings, maps, architectural subjects, etc.

No	. I,	back	focus 5½	inche	s, size vie	w 5 x 8 i	nches	price each,	\$15 00
66	2,	66	9	66	66	IO X I2	66	66	25 00
66	3,	66	$10\frac{1}{2}$	66	66	11 x 14	66	66	35 00
66	4,	66	14	66	66	14 × 17	66	66	50 00
66	5,	"	18	66	66	17 x 20	66	66	76 00
46	6,	66	21	66	66	18 x 22	66	66	90 00

No. I can be had in matched pairs for Stereoscopic work.

## Darlot View Lenses.

These are single combination Lenses, good for landscape work only. With rack and pinion movement.

Siz	e 1-9, l	oack foo	cus 5	in.,	size viev	w for ster	reo. work, per pr.	\$9 00
66	1-6,	66	$5\frac{1}{2}$	6.6	66	66	**	10 00
66	1-4,	6.6	7	6.6	6.6	" 5	x 8, each,	6 00
66	1-3,	66	91/2	66	66	" 7	7 x 9, "	7 25
66	I-2,	6.6	$12\frac{1}{2}$	66	6.6	" 10	X 12, "	9 00
66	2-3,	66	16	66	66	" 11	1 x 14, "	13 00
66	4-4,	- "	20	66		" 14	1 x 18, "	18 00

### DARLOT LENSES.

Having seen a great many spurious Darlot lenses, and against which we warn the profession, we have B. F. & Co. engraved on the tubes of all sizes. See that this mark is on them, if you want the genuine Darlot.

## DARLOT PORTRAIT LENSES.

With Rack and Pinion, Plain.

We have these Lenses made expressly for Magic Lanterns and Stereopticons. Can be had in matched pairs.

1-4 size,	$4\frac{1}{2}$	inch focus,.	\$7 00	2-3 size, $8\frac{1}{2}$ inch focus, 4-4 " $10\frac{1}{2}$ "	\$21 00
1-3 "	$5^{\frac{1}{2}}$	66	12 00	4.4 " 101 "	32 00
		66			

## DARLOT PORTRAIT LENSES.

With Rack and Pinion and Central Stops.

1.4 size, 4½ i	nch focus,					•		•		\$8 75
$1.3$ " $5^{\frac{1}{2}}$	66		•		•	•	 •	٠	•	14 50
1.2 " 7										
4-4 " 101	" for	r 8 x 1	o pla	tes,			 ٠	•		34,00
8-4 " 15	" "	11 X 12	٠''		•	• *				100 00

The 1-4, 1-3, and 1-2 sizes we can furnish in matched pairs.

## DARLOT QUICK-WORKING LENSES.

With Rack and Pinion and Central Stops.

1-2 size, $5\frac{1}{2}$	inch focus,	•		٠	•	•	•	•	•	•	٠	•	٠	\$21 00
2.3 " 7	66			•	•		•		٠	•				32 00
4-4 " 8	66	for	$6\frac{1}{2}$	x 8½	pla	ates	5,		•	٠	٠	•		41 00
Ex. 4.4 11	66	66	8 >	10	6	6						•	•	82 00

## DARLOT GEM LENSES.

1-9 size,	•		٠.	\$2 60	1.4 size,			•	\$3 50
1-6 "				3 25					

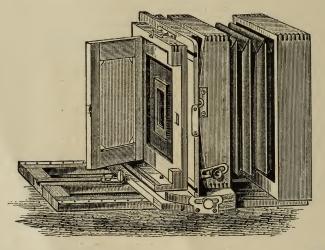
These we can furnish in sets of 4, 6, 8, 9 or more—all perfectly matched. Brass Plates for four \(\frac{1}{2}\) Gem Lenses, each \(\frac{1}{3}\) 35.



### FOCUSSING GLASSES.

Three-legged Microscopic. Price, 75 cents each.

# The Imperial Card or Cabinet Portrait Camera.



	rd Camera,	
"	" Double Swing Back,	30 00
	Card Camera,	
66 66	" Double Swing Back,	35 00
	Card Camera,	
"	" Double Swing Back,	42 00

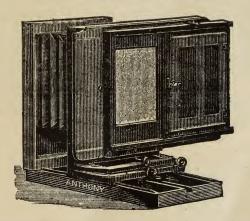
It makes two Imperials on an  $8 \times 10$  or 4-4 plate, using one 4-4 lens; two cards on a  $5 \times 8$  plate, using one 1-2 size lens. Regular work  $10 \times 12$  to  $\frac{1}{4}$  inclusive.

## Plain Portrait Cameras.

These cameras are well made, supplied with double reversible corners, and are reliable and guaranteed in every respect.

	1	size	for plate	31	x 41	reversible,	•					Each,	\$5 00
	$\frac{1}{2}$	66	46	41	x 5½	, 66		•		•	•	66	7 25
	4-4	66	66	$6\frac{1}{2}$	$x 8\frac{1}{2}$	, "				•	•	66	11 50
8 x	10	66	66	8	X IQ	. "	٠		٠	•		: 66	13 50
IO X	12	66	66	10	x 12	, "						66	26 00
II X	14	66	44	ΙI	x 14	, 44		٠				. "	32 00
14 X	17	46	44	14	x 17	, "					•	66	40 00
17 x	20	65	46	17	x 20	. 66	0					66	48 00

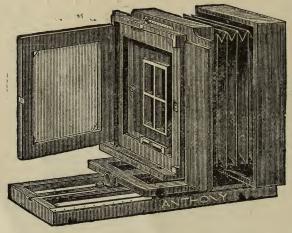
## THE ROYAL CAMERA.



This Camara has the sliding back or carriage for plate-holder, and has a ground glass attached in place, where it is always at hand. When the operator has the plate-holder ready, he places it in the carriage instead of laying it on the floor or some other inconvenient place, while he gets his focus; this done, he merely slides the holder, ground glass and all, together. It is made in the best manner, of fine mahogany, and is fitte with the celebrated Lewis patent glass corner plate-holder, working 8 x 10 plates, and smaller; two 5 x 8 negatives on an 8 x 10 plate;

					egatives Price	a	61/2	x	81/2	pla	ate;	two	4	x	5	nego	tives	on	a
					comple		1.4										\$45	00	
1	0 2	x	12	6.	66												60	00	
1	1	x	14	66	66												80	00	
T	1	x	17	66	66	T	'eles	sco	pic	Be	d.						85	00	

## Cincinnati Gem Cameras.



8 x 10 P	lain w	ithout	Tubes,												\$18 00
8 x 10 '	w w	ith 4 🛊	Darlot	Tu	bes	,									33 50
8 x 10 C	arriag	e Move	ment,												20 00
8 x 10	66	6	• w	ith	4 1	D	arl	ot	Τυ	be	s,				35 50
8 x 10	"	6	' I	oul	ole	Sw	ing	,							28 00
8 x 10	66	60			61	w	ith	4	1 I	)ar	lot	T	ube	es,	42 00

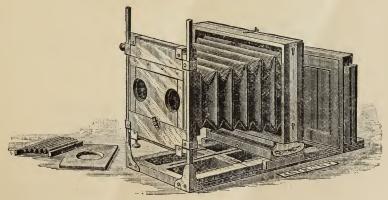
# Studio Card Cameras.

I-2	size,	reversible,	2	cards, I	tube,	ar	ıd reg	ular	to	19,20	n 1-4,	\$11	00
4-4	66	. "	2	cabinets	, with	I	tube,	and	re	gular to	1.6,	- 15	00
3 x 10	"	"	4	•6	46	2	66	61	1	"	I·4,	19	00

## Victoria Cameras.



# NOVEL CAMERAS,

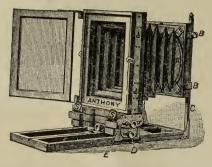


This Camera, as now manufactured and sold by me, is the result of a

series of experiments made with a view to obtaining a new instrument which should reverse easily and be at the same time light and strong.

The last and greatest improvement yet made is the revolving bellows, the front end of which is fastened in the light framework mentioned above, and in such a way that when the back is removed from the bed the whole bellows revolves, instead of requiring to be unbuttoned, as heretofore, making a great saving of time—a 5 x 8 camera having been reversed and set up ready for use in two seconds by the watch!

They are also now made with a double swing, the second swing revolving on a vertical axis, the combination of the two swings making it possible to avoid all distortion of lines.



SHOWING MODE OF FASTENING BODY OF CAMERA TO THE BED.

Made of Mahogany, with Varnish Finish. In Carrying Case, with one Perfect Double Dry Plate-Holder.

				PRICES:		
4 x 5,	Single swi	ng,		\$17 50		
4½ x 6½,	66			20 00		
5 x 8,	66			20 00	Double swing,	\$23 00
61 x 81,	"			25 00	6.6	28 00
8 x 10,	66			30 00	66	33 00

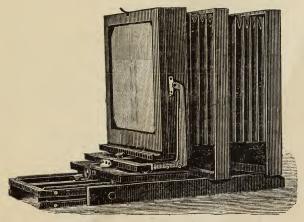
(The three latter sizes have stereoscopic partition and extra front.)

Price	without	Holder
1 16669	william	ZZULUCI.

10 x 12 S	ingle swing,		\$30 00	Double swing, ,	\$35 00
11 x 14	66		35 00	"	40 00
14 x 17	6.6	٠	45 00	"	50 00
17 x 20	66		52 50	"	60 00
18 x 22	6.6		57 50	"	65 00

All sizes above 8 x 10 are used with the Novel Shield, each one of which has two slides, working in the *end* and in the side of shield; therefore the slide can be withdrawn from the side of the shield no matter in what position the camera is placed. These shields are made single, and for dry plates only. Prices of the cameras above 8 x 10 are given without shields, but include the carrying case. All sizes of Novel Cameras above 8 x 10 are made with the ground glass of same focus as wet plate-holders: if desired, wet plate-holders can be furnished to order.

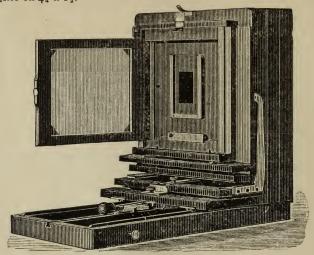
## MULTUM IN PARVO.



ARRANGED FOR II X 14 PORTRAITS.

A New Combination Camera with carriage movement, consisting of an II x I4 double swing back camera with telescopic bed, for portraiture from II x I4 to 8 x I0 and reversible.

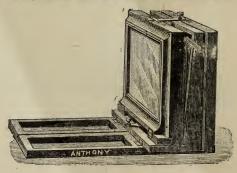
Also an 8 x 10 Carriage Movement for 8 x 10 to 1.4 reversible as follows: Making two cabinets on an 8 x 10, using one tube, and two carte de visite on  $4\frac{1}{4}$  x  $6\frac{1}{4}$ .



SHOWING CABINET AND CARD ATTACHMENT.

This will fill all the requirements of any studio for working 11 x 14 plates and smaller. Price, complete, \$85 00.

## MODEL STEREO. CAMERA.



The central diaphragm can be removed, the front changed, and single

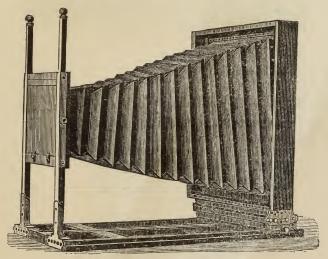
views made vertically or horizontally with one tube. It has an adjustment for swing-back, hinged ground-glass and folding platform, and when folded, occupies but little space.

5 x 8 with double holder for dry plate,		\$25 00
Extra double holder for two 5 x 8 dry plates, each.		2 25

## Card Cameras.

$\frac{1}{2}$ size for plate $4\frac{1}{4} \times 5\frac{1}{2}$ , reversible.	_T	his	wi	ll v	vork	two	C	ard	s o	n	
a plate with one tube,											\$9 00
Extra 4\frac{1}{4} x 6\frac{1}{2} Holder for above.											3 00

## THE KLAUBER CAMERA.

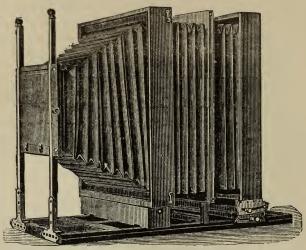


KLAUBER CAMERA, VIEW PART ONLY.

A novel idea added to the Novel Camera. Combination Portrait and View Camera. One can be attached to or detached from the other in a few seconds.

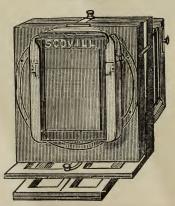
No further need of two large and expensive Cameras in one gallery.

Price, 11 x 14; 14 x 17; 17 x 20 and 18 x 22.



The 18 x 22 view with ground glass and two plate-holders weighs only 50 lbs. Compact outside measurement, 11 x 22 x 30\frac{1}{4} inches.

# FLAMMANG'S PAT. REVOLVING BACK CAMERAS.



Each Incased in a Canvas Bag, with Handle. (See next page.)

"These are the Finest View Cameras ever constructed," so says every photographer who has examined any of them, and this exclamation is not merely a tribute to the beauty and grace of their design, for invariably the desire has at the same time been expressed to poseess one of these truly, novel and substantial Cameras. Already there has been such a clamor for them that we are glad to be able to announce the possession of facilities for supplying some of all sizes, with the expectation of a speedy increase in production, so that orders can be filled in regular routine within a reasonable time.

#### PRICES:

Revolving Back Cameras, each incased in a canvas bag, with handle.

Plain. Sing. Sw. D	ble Sw.
For View 4\frac{1}{4} x 5\frac{1}{2} inch, reversible, \\$28 00 \\$33 00	\$38 oo
" 5 x 7 or 5 x 8 in., " 30 00 35 00	40 00
" $6\frac{1}{2} \times 8\frac{1}{2}$ inch, " 40 00 45 00	50 00
" 8 x 10 " 45 00 50 00	55 00
" 10 x 12 - " 60 00 65 00	70 00
" II x 14 " " 70 00 77 50	82 50
" 14 x 17 " 80 00 90 00	95 00
" 17 x 20 " " 95 00 105 00	110 00
" 20 X 24 " " 110 00 120 00	130 00
" 25 x 30 " " 150 00 165 00	175 00

These Cameras can be fitted with Daisy Dry Plate Holders or S. G. C. wet) Holders, but with no other styles of dry or wet plate holders.

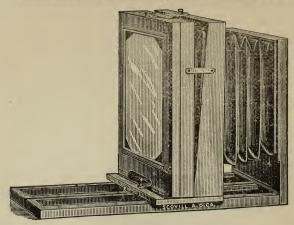
## View Cameras.

With Cone Bellows.

No pains have been spared to approximate perfection in the construction of these cameras. They are made as light and delicate as possible, with due regard to *strength* and *durability*.

### PRICES OF VIEW CAMERAS,

5 x 8	Stereo	. plain,									\$1000
5 x 8	66	single	swing	ζ,							15 00
5 x 8	66	acme	swing	back	, .						19 50



$6\frac{1}{2}$	x 8½	Plain o	compact	cone bel	lows,				١.	\$20 00
$6\frac{1}{2}$	$\times 8\frac{1}{2}$	Double	e swing,	compact	cone bel	lows,				27 00
8	хю	Plain,	compact	cone be	llows,					24 00
8	х ю	Doubl	e swing,	compact	cone be	lows,				30 00
10	x 12	6 6	66	66						36 00
ΙI	x 14	66	66	66	"					44 00
14	x 17	66	66	66	66				•	52 00
17	x 20	66	66	66	66					60 00

## PAT. PERFECT DOUBLE DRY PLATE HOLD-ERS OR SHIELDS.



We would call special attention to our Patent Dry Plate Shields or

Plate-holders. They are so arranged that one or two  $4 \times 5$  plates can be used in a  $5 \times 8$ , one or two  $4\frac{1}{4} \times 6\frac{1}{2}$  can be used in a  $6\frac{1}{2} \times 8\frac{1}{2}$ , or one or two  $5 \times 8$  in an  $8 \times 10$  plate-holder. Thin wooden frames can be supplied for holding still smaller sizes, if desired, so that the amateur can experiment with smaller plates than the extreme limit of his holders, and at much less expense. They are also much more readily managed in the ruby light than any other style, and are guaranteed to be the only perfect plate-holders in the market. (See inside Dry Plate Kits, p. 21.)

$$4 \times 5$$
, each, . . . . \$2 00 |  $6\frac{1}{2} \times 8\frac{1}{4}$ , each, . . . . \$4 00 |  $8 \times 10$ , " . . . . 5 00 |  $5 \times 8$ , " . . . . . 2 25 |

Patent Perfect Dry Plate Holders are the only ones with which inside kits or frames for smaller sizes can be used.

# PAT. PERFECT PLATE HOLDERS OR SHIELDS. (Wet Plate Focus.)

These shields are reversible (except the 5 x 8) and are made for the convenience of those who wish to use them on the same camera as for wet plates, without changing the focus of the ground glass. They fit the regular Success or Climax View Cameras, but not the Dry Plate Cameras.

Light inside frames for smaller sizes of plates can readily be used in them, of which we have a large number constantly in stock. In ordering the above, please give the exact outside measure of your wet plate shield.

Regular sizes supplied as follows:

Fo	r 5	x	8 stereos	copi	c p	late	es, eac	ch,							\$3 75
$6\frac{1}{2}$	x	$8\frac{1}{2}$	Reversibi	e,			\$6 c	00	ΙI	x	14	Reversible,		٠	11 00
8	$\mathbf{x}$	10	66				7 0	00	14	x	17	4.6		٠	15 <b>o</b> o
10	x	12	66			,	90	00	17	x	20	66	•		17 50
				inec	ia1	cize	e to	ord	er .	wil	1 00	net evtra			

## Novel Dry Plate Holders (Patented).

10 x 12 (single), each,		\$5 50	17 x 20 (single), each,	. \$12 00
11 x 14 " "		6 75	18 x 22 " "	. 14 00
I4 X I7 " "		10 00		

### INSIDE DRY PLATE KITS.

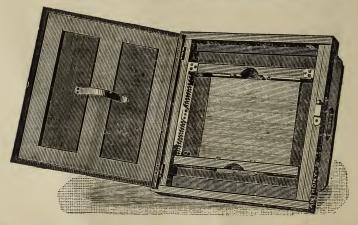




Thin wooden frames to hold small sized plates, fitting in larger shields, thus enabling the amateur who has a large camera to use small plates as well as large ones. See p. 20.

To fit shields. $4 \times 5 - 3\frac{1}{4} \times 4\frac{1}{4}, \cdots$	To fit Shields. 8 x 10— $4\frac{1}{4}$ x $6\frac{1}{2}$ , 5 x 7,	Each.
$3 \times 8 - 3\frac{1}{4} \times 4\frac{1}{4}, 4 \times 5,$	$5 \times 8, 6\frac{1}{2} \times 8\frac{1}{2}, \dots$	70 35
and $4\frac{1}{4} \times 5\frac{1}{2}$ , 6\frac{1}{2} \times 8\frac{1}{2} - 4 \times 5, 5 \times 8,	10 x 12—8 x 10,	55 60
$4\frac{1}{4} \times 6\frac{1}{2}, 5 \times 7, \dots$	14 × 17—11 × 14,	75

## THE BENSTER PLATE-HOLDER



For both wet and dry plate work. No kits. It can be *instantly* changed in the dark room from the largest to the smallest plate. The focus is adjustable to any ground glass.

Any old plate-holders can be supplied with interior rack works and frames, from 8 x 10 to 17 x 20. Price, \$

## Price-list of Dry Plate Holders.

								Scovill's Old Style.	Scovill's Patent.	Flammang's Patent.
4 x 5,		٠	۰	٠				<b>\$</b> 4 80	\$2 15	\$2 15
41 x 51,		•						5 20	2 15	2 15
5 x 8,			٠				•	5 60	2 93	2 93
$6\frac{1}{2} \times 8\frac{1}{2}$	•		٠	٠	•	٠		7 20	4 50	4 50
8 x 10,	•			٠		•	٠	8 40	7 00	7 00 .
10 x 12,		•	٠		۰		٠	12 00	8 00	8 oo ·
11 x 14,			٠	٠				16 00	12 00	12 00
14 x 17,								18 00	14 00	14 00
17 x 20,		۰						20 80	*	17 00
20 x 24,					•			26 80	*	22 00

<sup>\*</sup> Not made because of the weight of holder and of double thick glass.

Double dry plate holders cannot be put on any camera having a carriage at the back, as this frame will not permit of a reversal of the double holders.

# Reversible Plate-holders or Shields.

Outside Holder only.	Outside Holders and Kits.							
For 1-2 Box \$4 00	For 1-2 Box \$5.75							
" 4-4 " 6 50	" 4-4 " , 8 65							
" 8x10" 7 50	" 8x10" 10 00							
" 10x12" 10 00								
" IIXI4" 12 00	" 11X14" 15 00							
" 14x17" 15 00	" 14x17" 18 75							
" 17×20" 17 50	" 17x20 " 22 00							
" 18x22 " 24 00	" 18x22" 29 00							
" 20x24" 26 50								

### SPENCER'S CENTENNIAL HEAD REST.

The best and most complete head-rest yet introduced. It affords an effectual and firm support to the person posed, and is quickly adjusted alike for a child or tall person, without the removal of any of its parts.

Plain rods, . . . . . \$14 50 | Nickel plated rods, . . . . \$6 50



Success Head Rest.

No. 61. Extra finish, large, \$3 00; small, \$2 75. With Back Support, 75 cents extra.

Large \$3 300; small, \$2 75. With Back Support, 75 cents extra.

# Parts of Success Head Rests.

Base,	 \$1.00
Short Pillars,	 I 25
Tall Pillars,	
Rods,	
Ear Pieces,	
Cross Heads,	 35

## Jenny Lind Tables.

Top and base, \$3 00. Top and rod, \$1 40.

## The Rigid Head Rest.

As its name implies this rest is believed to possess, in an eminent degree, the quality of being much more rigid, and consequently much more practical than any, including that so manifestly copied from Mr. Harrison's patterns. Its movements, also, are unusually diversified, and its mechanism exceedingly simple. The price is, nickel plated, \$12 50.

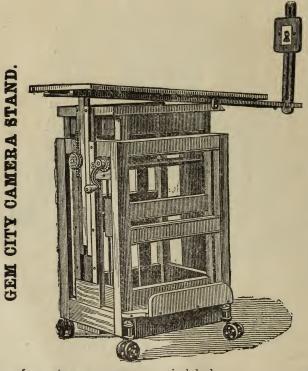
## THE AUTOMATIC STAND.



Is the "boss" camera stand. Entirely new, in shape and in principles. The lightest, simplest, and most effective. No grating cogs, rattling catches, nor heavy weights. No noise, no set screws, strong, well finished, durable, rigid.

The various changes are made quicker and easier than with any other stand. A child can manage it with a heavy camera on. A coil spring bears most of the weight in raising and lowering, and self-acting stops hold the center frame and bind it firmly at any height desired by the operator, no set screw being required to make it rigid. It also has a new and superior device for tilting the top. Complete and practical in every respect. Warranted satisfactory.

Size suitab	le for came	ras 6½ x	8½ to	11	x 14,		٠		\$20 00
"	"	14 x	17 01	17	x 20,				25 00
Larger size	es made to o	rder.							
Copying a	ttachment (	the best	) extra	i,		• /			1 00

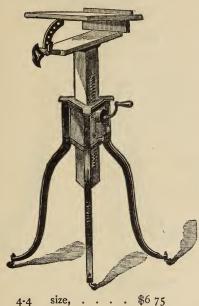


The best and cheapest for 8 x 10 to 25 x 30 cameras.

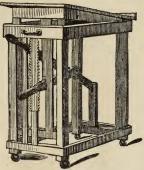
N	o,	I,	for 4-4	to	10	x	12	cameras,	30	inch	bed,					\$22 00
•	6	2,	44		11	<b>x</b> :	14	46	40	66						22 00
	14	3,	44		14	x :	17	66	48	66						30 00
1	6	4,	66		20	x 2	24	46	60	66						30 00
-	6	5,	66		25	x ;	30	66	ma	de to	orde	r c	nly	,		35 co

Nos. 1 and 2 have one weight; No. 3, 4 and 5, have two weights and base to correspond to size of bed.

### ACME STAND.



## LEVER STAND.



to 11 x 14, . \$16 00.

4-4 size, . . . \$6 75 8 x 10 " . . . 10 50

# THE NEW AND IMPROVED BOWDISH CAMERA STAND

The principles on which the new and improved Bowdish Camera Stand is constructed are the same as in the preceding one, but instead of a weighted central pocket, there are a number of slotted weights that can be instantly removed or replaced, according to the size of the camera to be supported. The chains are also exchanged for strong sash cord. When properly balanced, a touch of the hand will raise or lower the camera, and there is no binding, each of the three vertical supports being attached to the central weight. The back of the camera can be either elevated or depressed, as desired. It is substantially made in cherry, runs on duplex casters and with care will last a life time. Price, \$20 00.



## Iron Center Stand.

This is now the favorite cheap stand. Being in walnut, and the iron center bronzed, its general appearance is quite pleasing.

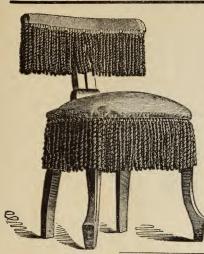
Price, for 1-4, 1-2, 4-4 and 8 x 10, \$3 00.

## The Knickerbocker Stand.

This stand, made in five styles, finds great favor, being simple in construction and pleasing in outline. It is mounted on bracket casters, admitting rapid and easy movement to any required position. The legs are of iron, and the upright and top are in black walnut.

Examine carefully and compare the following prices:

No.	0,	for 4-4	camera,	 \$5 00	No.	3, for	8 x 1	o camera,	\$10 50
66	I,	16.6	66	 6 25	"	4,	"	66	13 50
6.6	2,	for 8 x	10 "	 9 00					



## Moran's Position Chair.

No.	Price.
144. 6 in., Terry,	\$7 50
145. 6 " upho	lstered, 12 00
146. 6 " sprin	g seat, 12 50
147. 8 "	" 15 00
148. 10 "	" 16 50
149. 8 Plush,	" 17 50
150. 10 "	" 19 00

These chairs are substantially made, and give general satisfaction. They will be found to compare favorably with any, either as to price or quality.

# MORAN'S SLIDING-BACK POSITION CHAIR.

#### VELVET.

5 inch fringe, ..... \$18 00 5 " Arms, 20 00 VELVETEEN.

8 inch fringe, ..... 22 50 8 " " Arms, 25 00

PLUSH.

8 inch fringe, .... 31 50 8 " " Arms, 34 50

Drab color, \$3 25 extra.



## THE EASTLAKE.



## WINDOW CHAIR.



Is a very attractive chair. Has plush arms and heavy carving with a continuous cushion to the top of arm. Price, \$24 00.

### THE BOWDISH CHAIR.



The unprecedented demand and inquiry for these, the most popular chairs ever introduced either in Europe or America for photographic use,



and the uniform satisfaction they have given, are significant indications that they have been generally adopted as the position chairs of the day.

# THE BOWDISH CHAIR WITH REVOLVING CIRCULAR ARM.

These chairs are so pre-eminently superior in all desirable qualities that it is only necessary that their perfection of manufacture and ingenious plan of construction be seen to be commended by every one. Made of solid walnut, secured by means of a patented iron frame, they unite unusual strength with graceful outline and richness of effect. The quality of materials used, also, has always been of the best; and the constant aim is to make them excel in each and every particular. They have no uncertain joints, no clumsy and unsightly proportions, no "fixings" to become detached or render the chair useless when broken. They are better adapted to the varied requirements of a modern photographic gallery—better suited to the prevailing styles of portraiture, and more in consonance with modern studio accessories.



# THE BOWDISH CHAIR WITH SOFA ATTACHMENT.

In short, the Bowdish Chair combines the advantages and uses of all the various chairs in market, comprising—

First. A chair with high back, with or without arms.

Second. A chair with a revolving circular arm. This is an advantage over the ordinary chair with circular arm, which has only the vertical movement.

Third. A lounge attachment, which is invaluable for infants and children.

No. 1, Drab Velvet, \$30 00,	with Sofa, .			\$37 50
" 5, Drab Plush,* 45 00,	"	•	•	53 00
Centennial, with Sofa, Drab Plush,*				55 00

<sup>\*</sup> After our present stock of Drab Plush is exhausted, we shall use Raw Silk coverings for the No 5 and Centennial models.

## QUEEN ANNE CHILD'S LOUNGE.



A novelty itself, indispensable to any photographic studio; the opening between seat and back is an advantage for posing children. (Also made with hole in centre of the high back. Price, \$14 00.

### THE CENTENNIAL CHAIR

Greatly facilities the business of posing. Send for a photograph.

The prices are:

Figured or drab velveteen, 8 inch fringe,	\$35 00
Velvet, 6 inch fringe,	30 00

# PHARAOH AND ROMAN CHAIRS.



The back on this chair can be raised and lowered. Price, \$25 00.



Has a prominent carved front. Fixed fringed arms. Is well adapted for standing or other positions. Price, \$25 00.

#### THE NEW PATENT NOVEL CHAIR.



The latest chair made. Contains all the latest improvements. Supplies the long felt want of the photographer for a chair that can be easily adjusted and readily adapted to any subject, whether young or old, giving a firm support, and securing ease of position. The back can be used for an arm rest in full length portraits, as it can be raised or lowered at will, and fastened in any position. It needs only to be seen to be appreciated as the only chair combining these qualities.

No. 1, Terry, .		\$10 00	No. 3, Drab Velvetee	n,	\$15 00
" 2, Raw Silk,		12 00	" 4, Mohair Plush,		18 00

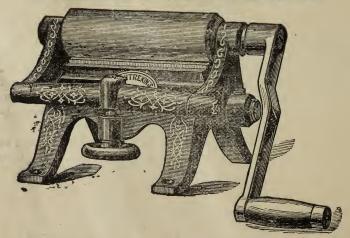
#### Weston's Climax Burnisher.

6 inch Roll,			\$13 00	14 inch	Roll,			\$31 50
10 "			20 00	20	66			45 00

#### IMPROVED RETOUCHING FRAME.



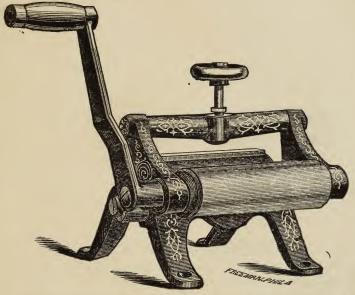
#### ENTREKIN'S EUREKA BURNISHER.



The superiority of the Eureka Burnisher consists in its cheapness, sim-

plicity and effectiveness, and the impossibility of the machine getting out of order.

The Burnisher can be heated with any kind of lamp—alcohol, coal oil, or gas. During the process of heating, the roll can be turned back from the burnishing tool, thereby preventing the condensation of moisture forming on the roll or tool.



To dress the burnishing tool, the roll is simply turned back from the tool in an instant. No hot plates to handle, and consequently no burnt fingers.

The machine has also the patent removable burnishing tool, which is a decided advantage.

6 inch Roll,			\$13 50	14 inch Roll,			\$31 50
10" "			22 50	20 " "			45 00

If, by accident or otherwise, the burnishing tool becomes defaced, it can be replaced with a new tool at a merely nominal cost, and the machine will be as good as new. Prices as follows:

6 inch Tool,			\$2 25	14	inch Tool,			\$375
10 "			3 00	20	46			5 00

#### FERROTYPE OUTFIT NO. 1.

The following outfit will be found the best for travelling business on a small scale:

I	1-2 Combination Camera makes 1-9, 1-6, 1-4 and 1-2	1 lb. Cyanide Potassium, . 1 lb. Ferro. Collodion,	\$0	25 50
	single Ferrotypes, and 2	I Bottle Varnish,		30
	Bon Tons on a 1 plate,	I Box Colors, Brushes, and		
	and 2 card size on a ½	Gold Saucer,	I	50
	plate with 1 ½ size Lens.	1 pint 950 Alcohol, bot		40
	Price of Camera and Dar	1 Box each \( \frac{1}{2} \) and \( \frac{1}{2} \) Ferro-		
	lot Lens, \$3000	type Plates,	2	40
I	½ Excel. Camera Stand, 300	100 No. 11 Ferrotype Envel-		
I	Tall Head Rest, 300	opes, :		30
	d Glass Bath in Box, and	50 No. 24 Card Envelopes,		30
	Dipper, 3 30	pint Jar Parlor Paste and		3
I	5 x 7 Rubber Dish,	Brush,		40
	Alcohol Lamp, 60	I I inch Camel's-hair Dus-		
	4 oz. Collodion Vial, 18	ter for Plates,		15
	4 oz. Graduated Glass, . 35	I Copy Ferrotype Guide In-		75
	No. 1 Rubber Funnels, . 90	struction Book,		75
	pint Silver Solution, 1 00	struction book,		/3
	½ lb. Sulph. Iron in bot 20	Total &	50	68
		Total, \$	20	00
A	lb. Acetic Acid in bot 15			

#### FERROTYPE OUTFIT NO. 2.

For those who wish to make larger pictures, the following will be found a good outfit:

1 8 x 10 Cincinnati Camera & Holder, carriage movement, fitted with 4 ½ Gem Darlot Lenses, plain, \$33 00 1 4-4 Darlot Portrait Lens, C. S., 35 00 1 No. 2 Acme Camera Stand, boxed, 11 50 1 Tall Head Rest, 3 00 1 9 x 12 Glass Bath in Box and Dipper, 2 50 1 8 x 10 Rubber Dish, 1 35 1 Alcohol Lamp, 60 1 8 oz. Collodion Vial, 30 1 8 oz. Graduated Glass, 40	100 No. 15 Ferrotype En-
1 8 oz. Graduated Glass, 40 2 No. 3 Rubber Funnels, . 1 20	100 No. 15 Ferrotype En-

50 No.	20	C	abi	inet	F	Env	el.			I	Cop	oy :	Fer	rot	ype	er,		. \$0 75
opes,	•		٠	٠	•	•	•	\$0	75									
							T	otal,			٠				٠			\$106 35

Those who do not care to make large pictures can dispense with the 4-4 Lens.

Or, a  $\frac{1}{2}$  size Darlot Lens can be substituted for \$17 50, making this outfit very useful.

NOTE.—To these outfits may be added other articles to make them more complete (but can be dispensed with if economy is an object), such as Backgrounds and Accessories, Posing Chair, Tent, etc.

#### FILTERING COTTON.

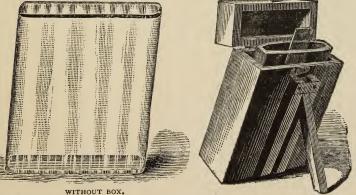
Prepared expressly for photo. use. Per bundle, . . . . \$0 50

#### ABSORBENT COTTON.

Absorbs any liquid without the use of Alcohol; the best filtering cotton ever made.

I	pound package,						•			\$0 75
4	ounce paper box,									25
2	66 66									17

#### Our New Style Solid Glass Baths.



Are made expressly for us of selected metal. Each bath will be war-

ranted perfect in every respect. (We cannot guarantee against  $_{a}$  breakage in transportation.)

#### Moran's Glass Baths in Boxes.

```
I-2 size, for plate 4½ x 5½ in., $2 50
4.4 " " 6½ x 8½ " 4 00
9 x II " 8 x IO " 5 25
II x I4 " " 10 x I2 " 7 25
```

#### Moran's Glass Baths.

Withou	at Box.	1					
1-4 size, for plate	31 x 41						tht Top.
I-2 " " "	41 x 51/2					$4\frac{1}{4} \times 5\frac{1}{2}$	\$ 5 00
4-4 or 7 x 10 "	$6\frac{1}{2} \times 8\frac{1}{2}$	1 75	4-4 "	66	66	$6\frac{1}{2} \times 8\frac{1}{2}$	6 50
9 x 11 for "	8 x 10		9 x 11			8 x 10	8 00
11 x 14 " "	IO X I2	3 50	11 x 14	. 66	66	IO X I2	10 00
12 х 16 " "	II x 14	5 25	12 x 16	66	66	II x 14	12 00
15 x 20 " "	14 x 17	15 00	15 x 20	66	66	14 x 17	22 00
18 x 22 " "	17 x 20	24 00	18 x 22	"	"	17 x 20	44 00

#### HARD RUBBER GOODS.

		Shallow	Trays.				Covered	
No	. 2.	4 x 5	\$ 55			Baths.	Baths.	Dippers.
66	3.	5 x 7	70	No. 3.	4 × 5	. \$ 80	\$ .	\$ 30
46	4.	7 x 9	1 00	" 4.	5 x 7	. I IO	3 60*	35
66	5.	8 x 10	1 25	" 5.	7 x 10	. 160	4 50*	40
46	6.	10 x 12	2.00	<b>"</b> 6.	9 x 11	. 3 20	6 00*	45
66	7.	12 x 16	3 20	" 7.	12 x 16	. 5 00	8 00.	55
66	8.	15 x 18	4 50	" 8.	14 x 18	, 6 00	9 00.	80
66	9.	18 x 22	7 00	<b>"</b> 9.	17 x 20	. 725	13 00.	1 00
66	10.	21 x 26	8 00	" IO.	19 x 24	. 9 00	16 00.	і 45

No. 61 H. R. Dipper, for 10 x 12 Bath, 50 cents.

No.	6 <del>1</del> .	10 x 12	Deep Trays,	\$3 30	No.	9B.	18 x	22 Deep	Trays,	\$7 00
			4							
66	81.	15 x 18	64	6 20	66	101,	21 X	26	44	10 00

<sup>\*</sup> These Baths can be had to open lengthwise, for outdoor work, without extra charge.

#### PORCELAIN WARE.

	Baths.	Stands.	Dippers.
$3\frac{8}{4} \times 4\frac{1}{4} \dots$	\$1 00	\$ 25	\$ 30
$5 \times 6\frac{1}{2} \dots$	1 75	40	44
Stereoscopic,	2 00	50	66
$6\frac{1}{2} \times 8\frac{1}{2} \dots$	2 00	60	
8 x 10	4 50	90	82
IO X I2	7 75	1 25	1 10
11 x 14	. 11 50	I 25	I 25
13 x 16	. 1900	2 00	1 50
14 x 17	. 20 00	2 50	1 85

Covered Baths, Water-tight Rubber Tops, (without Stand or Dipper).

3 <sup>8</sup> / <sub>4</sub> x 4 <sup>1</sup> / <sub>4</sub>	\$1 75	10 x 12	\$12 CO
Stereo. and $5 \times 6\frac{1}{2}$	4 00	11 x 14	18 00
$5 \times 8 \text{ and } 6\frac{1}{2} \times 8\frac{1}{2} \dots$	5 00	13 x 16	26 00
8 x 10	7 50	14 × 17	27 00

Trays. (The dimensions given are for inside the bottom of the tray).

Shallow. Deep.	Shallow. Deep.
5 x 7 \$ 40 \$ 55	11 x 14 1 90 \$2 35
x 9 60 75	14 × 17 4 50 5 75
8 x 10 75 90	15 x 19 5 60 7 10
10 x 12 1 20 1 40	19 x 24 11 50 14 25

#### AGATE WARE.

This ware is made of sheet iron lined with an enamel, which it is claimed successfully resists the action of acids, etc. Unlike porcelain ware it is not liable to breakage, while at the same time it is lighter, and more pleasing in form.

#### AGATE WARE PANS.

The dimensions given are for inside the bottom of the tray.

			SHALLOW.	DEEP.		SHALLOW.	DEEP
No.	31.	5 x 7,	\$0 72	\$0 90	No. 35. 11 x 14,	\$2 70	\$3 00
4.6	32.	7 x 9,	90	I 12	" 3б. 14 х 17,	4 50	5 40
6.6	33.	8 x 10,	I 12		" 37. 15 x 19.		7 20
6.6	34.	10 x 12,	1 80	2 00	" 38. 19 x 24,	10 75	13 50

#### AGATE EVAPORATING DISHES.



No. I	Diameter	5	inches,	Capacity	I	pint,	each,			\$0 50
" 2	. "	8	6.6	"	I	quart,	66			75
" 3		9	44	"	12	gallon,	"			90
" 4	. "	12	46	66	I	"	66			1 50
· 5·	. "	16	"	66	2	"	66			2 75
" 6	. "	18	66	66	3	6.6	"			3 50
" 7	. 46	20	66	"	4	66	4.6			5 25
" 8	. "	22	"	"	5	66	66			8 50
" 9	. "	24	66	66	6	"	"			11 00
" 10	. "	26	"	66	7	"	66			15 00
" II	. "	27	66	66	8	"	"			20 00
" 12	. "	<b>2</b> 8	"	66	9	66	66	•		27 00

Agate Liquid Measures.							Agate Funnels.						
												per doz.,	\$2 25
1/2 "		•			66	4 40	1/2 "					"	2 75
Pint,					"	5 50	Pint,					"	3 85
Quart,					66	7 90	Quart,					66	5 50
2 "					6.6	11 40	2 "					"	7 00
Gallon,					66	16 50	Gallon,					66	10 00

#### EARTHENWARE ACID DISHES.

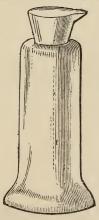
No. 1,  $6\frac{1}{2} \times 8\frac{1}{2}$ , \$1 50; No. 2, 10 x 12, \$3 00; No. 3, 13 x 16, \$8 00. No. 4, 15 x 18, \$15 00.

#### MORAN'S IMPROVED COLLODION VIAL.



The bottle is strong; the cap is very strong, and can be replaced, if broken, at a nominal cost; any piece of one vial will fit any other vial. The outside of the neck is made of cork, and the cap therefore fits tightly, and is not in danger of breakage. Price, 6 oz., \$1 00; 8 oz., \$1 25.

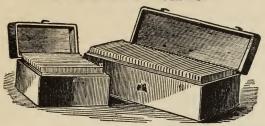
#### EFFECTIVE POURING BOTTLE.



Effective Pouring Bottle, ea., \$0 20 | Scovill's Pouring Bottle, ea., \$0 15 Cross " " 275 | Phenix " " 20

COLLODION FILTERS.	
6 ounce, \$1 35   24 ounce, \$2	75
	00
16 " 2 50	
GT 166 GD 1071576	
GLASS GRADUATES.	
Minim,\$ 20 8 ounce,\$	40
I " 20 I2 "	50
2 " 25 16 "	65
4	80
6 " 35   32 "	10
GLASS MORTARS AND PESTLES.	
2 I-2 inch, \$ 20   4 inch, \$	50
3 " 30 5 "	80
3½ " 40 6 "	1 15
GLASS FUNNELS.	
1-2 pint,\$ 12   2 quarts,\$	30
Pint, 15 I gallon,	50
	1 00
GLASS PATTERNS.	
Carte de Visite—Oval, Arch, or R. C., each, \$	25
Stereo. Cards—Square or Arch, "	40
Imperial Cards— " " " "	35 50
imperiar cards—	50 1 00
	1 50
·	2 00
SCALES AND WEIGHTS.	
, , , , , , , , , , , , , , , , , , , ,	90
In Tin Boxes, 5 inch beam, " "	65

#### NEGATIVE BOXES.



103. Holding 24 1-9 Plates \$ 45   109. Holding 24 4-4 Plates \$ 88	8
104. " 24 I-6 " 50 IIO. " 24 8x10 " I O	0
105. " 24 I-4 " 55 III. " 24 IOXI2" I 90	0
106. " 24 I-2 " 60 II2. " I2 IIXI4 " 2 70	0
107. " 24 4\frac{1}{2} " 65   113. " 12 14x17 " 3 2	5
108. " 24 4 x 8 " . 75 114. " 12 17x20 " . 4 00	0
1081. " 24 5 x 7 " 75 115. " 12 20x24 " 5 20	0
108½. " 24 5 x 8 " 80	

Special sizes to hold any number of plates required, made to order.

#### FRENCH CRYSTAL PHOTO. GLASS.

4-4, per	box c	of 130	panes,	\$3 75	16 x	20,	per box	of 23	panes,	\$5 00
8 x 10	66	90	"	3 75	18 x	22	66	18	66	6 00
IO X I2	66	60	66	<sup>1</sup> 4 00	20 X	24	"	15	66	6 00
11 x 14	66	47	66	4 50	22 X	28	66	12	66	7 00
14 × 17	66	31	"	5 00	25 X	30	66	9	66	8 00
		Not	accounta	hle for h	reab	are	Varia	110		

The above prices are subject to fluctuation.

#### PORCELAIN GLASS.

			Plain.	Ground.	Polished.
1-6	size, per	dozen,	\$1 00	\$1 15	\$2 00
I-4	"	66	1 50	I 75	3 00
I-2	66	66	3 00	3 50	6 00
4-4	66	"	6 00	7 00	12 00
8 x 10	66	66	12 00	13 50	20 00
IO X 12	**	"	18 00	21 00	
11 x 14	- 66	66	21 00	24 00	
14 × 17	66	66	33 00	37 50	

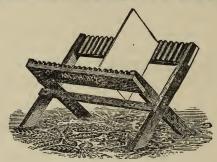
#### GENUINE B. P. C. GLASS.

1-9 size, ]	per gross	3,	\$1 00	4 x 8 size,	per gross,	\$ 9 00
1-6 "	66		2 00	5 x 8 "	66	10 80
1-4 "	66		3 00	4-4 "	66	12 50
I-2	6		5 25	8 x 10 "	66	22 50
$4\frac{1}{4} \times 6\frac{1}{2}$	66		6 75	IOXI2	46	36 00

#### PRINTING FRAMES.

				FLAT.	DEEP.		FLAT.	DEEP.
						8 x 10 size, each,	\$0 70	\$1 00
I-2 "					\$0 70	IO X I2 " "	1 00	I 20
$4\frac{1}{4} \times 6\frac{1}{2}$	66		•	50	70	11 x 14 " "	1 75	2 25
5 x 8	66	٠	٠	55		14 x 17 " "	2 50	3 00
$6\frac{1}{2} \times 8\frac{1}{2}$	66	•	•	55	88	17 x 20 " "		4 50

#### FOLDING NEGATIVE RACK.



A convenient and inexpensive dark-room accessory. Price, 50 cents.

### Table Covers, Draperies and Curtains.

velvet Draperies, with (	recian border,		\$12 00
Japanese Silk Curtains,	"		12 00
Gros-grain "	66	20 t	0 35 00

Camel's Hair Dusters.	Paste Brushes.
1 inch English, Each, \$0 25	Flat, 1 inch, Each, \$0 15 " 1½" " 20 " 2 " " 20
$1\frac{1}{2}$ ". " " 35	" $I^{\frac{1}{2}}$ " " 20
2 " " . , " 45	" 2 " " 20
Paste Brushes, Medium Size, Round	

BACKGROUNDS, ETC.	
Plain Painted Backgrounds, square foot,	\$o o8
Interior " " 20 cts. to	25
Landscape " " 18, 20 and	25
Sea View " " 18 cts. to	20
Side Slip " "	25
Plain Woollen, 8 feet wide and any length, square foot,	18
Rembrandt Painted Backgrounds, with frame,	6 00
Large Rocks, each,	9 00
Medium "	6 00
Small "	2 00
Large Combination Rock,	I2 00
Set of 3 Rocks, complete,	15 00
Balustrade with Vine,	20 00
Artificial Stumps, each,	9 00
" Boats, "	7 00
Grass Mats, " · · · · · · · · · · · · · · · · · ·	I 00
Ivy Vine, per yard,	25
Cottage Window,	15 00
Annie Hathaway Cottage, 7 different changes, boxed,	25 00
	35 00
	35 00
ARTIFICIAL PLANTS, FLOWERS, ET	
ARTIFICIAL PLANTS, FLOWERS, ET Begonia, 6 Leaves,	C.
·	C.
Begonia, 6 Leaves,	C. \$2 00
Begonia, 6 Leaves,	C. \$2 00 1 50
Begonia, 6 Leaves,	C. \$2 00 1 50 2 00
Begonia, 6 Leaves, \$1 50 to Geranium Bush, Rose Bush, Calla Lily, Tiger Lily, Rustic Baskets and Plants, 5 00 to	\$2 00 1 50 2 00 2 50 2 00 15 00
Begonia, 6 Leaves, \$1 50 to Geranium Bush, Rose Bush, Calla Lily, Tiger Lily,	\$2 00 1 50 2 00 2 50 2 00 15 00
Begonia, 6 Leaves, \$1 50 to Geranium Bush, Rose Bush, Calla Lily, Tiger Lily, Rustic Baskets and Plants, 5 00 to	\$2 00 1 50 2 00 2 50 2 00 15 00
Begonia, 6 Leaves, \$1 50 to Geranium Bush, Rose Bush, Calla Lily, Tiger Lily, Rustic Baskets and Plants, 5 00 to	\$2 00 1 50 2 00 2 50 2 00 15 00
Begonia, 6 Leaves, \$1 50 to Geranium Bush, Rose Bush, Calla Lily, Tiger Lily, Rustic Baskets and Plants, 5 00 to Vases of Plants and Flowers 3 50 to	\$2 00 1 50 2 00 2 50 2 00 15 00 25 00
Begonia, 6 Leaves,	\$2 00 1 50 2 00 2 50 2 00 15 00 25 00
Begonia, 6 Leaves,	\$2 00 1 50 2 00 2 50 2 00 15 00 25 00
Begonia, 6 Leaves,	\$2 00 1 50 2 00 2 50 2 50 2 50 15 00 25 00
Begonia, 6 Leaves,	\$2 00 1 50 2 00 2 50 2 50 2 50 25 00 \$1 00 70 1 25

No. 1 to 6, ass'd, per dozen, \$1 25 | No. 7 to 12, ass'd, per dozen, \$3 00

#### PRICE-LIST

OF

## PHOTOGRAPHIC CHEMICALS,

Manufactured and Sold by

#### Richard H. Moran,

[WARRANTED PURE AND OF FULL WEIGHT AND MEASUREMENT.]

c. b. 11 signifies corked bottle, 11 cts. g. s. b. 18 signifies glass stoppered	d bottle	, 18 cts
Acid, Acetic No. 8,	per lb	\$0 09
" by the 5 lb, c. b.20	66	09
" Glacial,g. s. b. 18	66	67
66 66	oz.	15
Citric, c. b. 11	lb.	80
46	OZ.	12
Gallic,	"	20
Hydrobromic,	"	25
Muriatic, C. P.,* g.s.b. 18	1b.	24
Nitric, C. P.,* g. s. b. 18	66	25
Sulphuric, C. P.* g. s. b. 11	66	32
Pyrogallic,	07.	45
Alcohol, Atwood's, can 25	gal.	2 85
Alcohol, 95 per cent	qt.	65
Ammonia, Liq. Conc., g. s. b. 15	lb.	15
Liq. Conc., by the 4 lb g. s. b. 25	66	14
Nitrate,	66	45
Ammonium, Bromide,	OZ.	12
Chloride, Pure, c. b. 13	lb.	35
Iodide,	OZ.	33
Bromine,	66	30
Cadmium, Bromide,	"	23
Iodide,	6.6	35
Chloroform, g. s. b. 15	lb.	I 20
Chloroform,	OZ.	20
Dextrine, c. b. 12	lb.	15
Ether, Sulphuric Conc., c. b. 10	6.6	72
Sulphuric Conc., by the 3½ lbs., c. b. 18	55	70

'Gold, Chloride, 15 gr. bottles, (C. P.),	nor bot @	0 44
Chloride and Sodium, 15 gr. bottles, (Dry),	her nor •	
Gum Arabic, Picked,	lb.	30
Royal,		45
	qt. lb.	50
Shellac, Bleached, Refined,	10.	70
Sandarac,		45
Iodine,	OZ.	40
Iron, Protosulphate,	lb.	06
and Ammonia, Sulphate, bulk,	"	12
Kaolin,	66	10
Lead, Acetate,	OZ.	20
Lithium, Iodide,	66	80
Bromide,	66	40
Magnesia, Nitrate,	1b.	85
Magnesium, Bromide,	OZ.	45
Magnesium, Iodide,	66	60
Mercury, Bichloride,	66	12
Potassa, Nitrate, Gran.,	lb.	25
Bichromate, C. P., c. b. 10	"	80
Permanganate,	OZ.	15
Oxalate, neutral,	66 .	40
Potassium, Bromide,	66	15
Cyanide,	1b.	65
Cyanide,	1 "	35
Iodide,	oz.	30
Sulphuret,	lb.	35
Sulphuret,	1/2 "	20
Silicon,	per box,	25
Silver, Nitrate,	,	-3
[Very variable; about 80 cents per ounce, pound, \$12.2	25.]	
Soda, Acetate, c. b. 13	lb.	40
Bicarb.,	66	10
Soda, Hyposulphite, bulk,	lb.	<b>o</b> 6
66	112 lb. kes	g. 04
Phosphate,	lb.	35
Tungstate,	OZ.	15
Sodium, Bromide,	66	12
Iodide,	66	38
Strontium, Chloride,	66	10
Tannin,	66	25
±		25

IIi Nitroto	0.00	<b>C</b>
Uranium, Nitrate,	OZ.	\$0 90
Chloride,	66	90
Zinc, Bromide,	66	30
Iodide,	6.6	60
Litmus paper, blue and red,	doz.	40
46 66 66 66		5

#### ETHER, SULPHURIC CONCENTRATED.

This article is prepared expressly for photographic purposes, and has a gravity of 0.72° at 60° Fah. Is entirely free from all impurities, remaining colorless for twelve hours after an addition of an equal volume of alcoholic solution of iodide of potassium, showing absence of acidity, is entirely free from alcohol, as gun cotton does not dissolve or even disintegrate in it.

#### FILTERING PAPERS.

French Round,	in packs of	100 sheets,	No.	. 19, \$0 30	)
66	66	66	66	25, 35	5
46,	66	66	66	33, 50	)
66	66	66	66	40, 60	
66	66	66	66	45, 80	2
66	66	66	66	50, 95	5
Square White Fi	ltering Pap	er, per quir	e,	25	5
Gum or Sticking	Paper, per	dozen,		18	3
Joseph Paper, pe	er quire,			I	5
Blotting Paper,	19 x 24 size	e, heavy, pe	r do	zen, I 2	5
Onion Paper, for	r vignetting	, etc.,	6.	25	5
French Tissue,	66	" per q	uire,		5

#### COTTONS.

Moran's Challenge,	per oz.	\$0 45
Vogel's Negative,	"	45
Anthony's Negative,	66	50
No. 1 and No. 2 Soluble,	66	50
Positive,	66	50
Climax Cotton,	66	75
Snowy "	66	90
Papyroxyline,	66	1 00

#### COLLODIONS.

Moran's New Negative, per lb.	\$1 00
" Positive,	1 00
Anthony's New Negative,	1 10
Montgomery's,	I 25
Lewis & Holt's,	1 00
Cooper's,	1 00
Perfection,	1 00
Phenix Negative and Positive,	1 00
Wells' Negative,	1 00
Coonley's " "	I 25

#### VARNISHES.

## Moran's Celebrated Challenge Varnish.

It dries immediately without heat.

This Varnish is unsurpassed for *Hardness and Durability*, combined with *Elasticity*, forming a thorough protection for *Negatives*, without diminishing in the least the intensity, and gives to ferrotypes and porcelain pictures a brilliant, glossy finish.

6 ounce bottles,	:			\$0 30	Flint Varnish, 6 oz. bot \$0 40
I pint "				80	Diamond " . 40
I quart "	•	•		I 40	Phenix " 8 " . 50
½ gallon,			۰	2 50	Snell's Retouching Fluid, (bot.) 20
I gallon can,				4 65	

#### VULCANITE DEVELOPING TRAYS.

(Made of selected metal.) For dry plate photography.

Size	4 <sup>1</sup> / <sub>4</sub> x	5½	inches,	each,		\$0 20	Size	12 X	15	inches,	each,	\$0 60
66	$6\frac{1}{2}x$	81	66	66		25	46	15 X	18	66	66	1 00
66	7 x	9	66	66	•	30	66	19 x	22	66	6.6	2 00
66	9 x	II	66	66		40	66	22 X	26	6.6	66	2 50
66	IO X	12	66	66		50						

#### HYDROMETERS.

Single degree scale, packed in wooden cases, 50 cents each.

#### EGYPTIAN CHEMICAL COLORS,

Triple strength. Manufactured expressly for painting photographs, views, etc., also used in connection with the Egyptian Transparent Compound, for producing the Egyptian Crystal Photograph, the most lifelike picture in the world!

Special Notice! All photographs colored on the face of the picture and mounted on convex or flat glass, are done with these colors under whatever name the picture may be called. These colors are put up in polished wooden boxes labeled "Egyptian Chemical Colors." Each box contains the following colors: Transparent black, dark emerald green, orange or gold color, blue, dark brown, light green, rose, violet and flesh.

N. B.—Full and complete instructions for the use of these colors and for making the Egyptian Crystal Photograph, accompany each set.

Price, \$2 50 per set.

#### PORCELAIN EVAPORATING DISHES.

No.	00,	Diameter	16	inches,	containin	ıg 3	gallons,		\$3 25
"	0,	"	14	66	- 66	2	66		2 25
"	I,	66	12	66	"	I	66		I 25
"	2,	"	ΙI	"	66	3	quarts,		1 00
66	3,	"	10	66	66	. 2	46		85
66	4,	"	9	66	66	3	pints,		70
66	5,	44	8	66	66	2	66		50
"	6,	66	7	"	"	24	ounces,		45
"、	7,	66	6	66	66	20	66		40
66.	8,	66	5	<u> </u>	"	16	66		35
66	9,	66	5	"	66	12	66	• • • • • • • • • • • • • • • • • • • •	30

#### CUT-OUTS OR MEDALLION MASKS.

For C. de V. Oval, per dozen, \$	15
"Victoria, " "	20
" Cabinet, Oval or Arch,"	25
" 4-4 Ovals, Set of one dozen,	30
One package, containing six of each of above seven sizes,	75
Gihon's Cut-Outs, 30 assorted sizes,	00
Consist since to sudan	

Special sizes to order.

#### Moran's Metallic Retouching Pencil,

The best and only perfect pencil yet discovered for the purpose. Price, 20 cents.

#### Osborne's Pat. Picturesque Foregrounds

And Statue Pedestals.

These are negatives to be used in photography by combination printing. A print is first made of the foreground negative, and then the opening of the window or door is cut out. Now, it is only necessary to make the negative of the subject to fit in the opening cut out, and print in the usual manner of double printing.

Prices are as follows:

5 x 8, sui	table for	cabinet or p	oromenade,					\$2 00
$6\frac{1}{2} \times 8\frac{1}{2}$	66	boudoir,	66				٠	2 50
8 x 10,	66	long panel,	66		•	•		3 00
II x 14,								5 00

All sizes can be furnished. The Statue Pedestal Negative is a paper negative of a pedestal which can be adjusted to the negative of the subject that you wish to represent as a statue, and both printed at the same time. This negative is reversible, and can also be used for different subjects; full directions and samples sent with each negative by mail.

Price, \$1 00 for cabinet or boudoir size.

#### NEW EMBROIDERED DRAPERIES.

Handsome embroidered draperies 5 feet square, recently imported and admirably adapted for photographers' use, have been placed in our hands for introduction. They are elegant in design, substantial in material and serviceable and attractive in color. Price, \$5 00.

#### LOCKWOOD'S PATENT PHOTO. CLIP.

These are much superior to the ordinary clothes-pin, which often lets the paper drop, while Lockwood's Patent Clip always holds it and never wears out. It is very useful to photographers, for whom it is supplied with a hook to hang by. Price, 75 cts. per dozen; with hooks, 85 cts.

#### Negative Washing Boxes.

Guaranteed not to Rust.

It is necessary at a certain stage of development to remove from photographic negatives all traces of hyposulphite of soda, and it is not generally convenient to place them where water will flow over their surface a sufficient length of time to accomplish this effectually, without injury to the sensitive film. To watch the plate is to waste time. The flow over it should be with gentle force. This can best be regulated, and a thorough cleansing from hyposulphite of soda of every portion of the negative be assured, by the employment of one of the Negative Washing Boxes here described. Plates are simply slid into the grooves, a guarantee that the film will not be disturbed or marred; a bit of hose is slipped over a tap, and then at the other end over the spout on the box. If need be, another section of rubber tubing is used to carry off the waste water to an outlet. After this simple preparation the washing box is in readiness for service.

						plates,	•	•	•						\$1 20
66	2,	66	4	x	5	66							•		I 25
66	3,	66	41	x	$5\frac{1}{2}$	66			•						1 30
46	4,	66	41	x	$6\frac{1}{2}$	"									I 35
46	5,	66	5	X	7	• 6		٠		.7					I 40
"	6,	"	5	x	8	66									1 50
- 66	7,	66	61/2	x	$8\frac{1}{2}$	".							•		I 75
66	8,	•6	8	x	10	66									2 25

Larger sizes made to order.

Painted Negative Washing Boxes, 40 cents, additional for each size. Cloth rubber hose supplied for the above boxes, at 28 cents per foot.

#### PEERLESS VARNISH POT AND FILTERER.

A tin pot, with a Filter and Funnel in top; rubber stopper in spout. The pot has been greatly improved; the whole top is slightly sunk, which makes the funnel complete. The spout is now cut level allowing the whole (spout and top) to be covered with a single piece of glass instead of the rubber stopper.

Put your varnish in clean, flow your plates, and drain surplus varnish back through the funnel in the top and you will never be troubled with specks of dirt in it. Pot holds 16 ounces; price, each 50 cents.

#### Photo-Printing and Negative Retouching,

For the Trace.

Price-lis	below, including all mater	ial	exc	сер	t tł	ie (	car	d n	ou	nts	, viz:
-Card size	e, plain printing, per dozen,			٠							\$0 40
66	vignettes, "								•	•	50
44	medallion, (or oval),	•	•	•		٠	٠		٠	•	50
46	vignettes grayed,	٠		•		•			•	•	50
44	half dozen,	•		٠	•	•	٠	٠	٠	20	to 25
44	4 x 4 for one print,				٠	•	٠	۰	•	٥	25
46	4 x 4 " three prints,	٠	•		٠	•		٠	•	•	70
46	10 x 12 for one print,		•			•	۰	۰	•	•	35
Imperia	ls, plain printing, per dozen	,		•	٠		•	•		٠	80
46	vignettes, "				٠	•	٠	•	•	•	90
46	medallion, "		•		٠		٠	•	•	•	90
66	vignettes grayed "			٠			•	•	•		1 00
"	half dozen, "		•	•	٠	•	•	4	40	to	50 cts.
44	panels, "							•	٠	•	1 25
44	8 x 10 for one print,		٠					•	•		35
66	8 x 10 for three prints,		4							•	85
66	11 x 14 for one print,							•		•	50

#### NEGATIVE RETOUCHING.

For Cards from 10 to 15 cents.

For 4 x 4 from . . 30 to 50 cts.

" 10 x 12 from . 40 to 75 "

For 8 x 10 from . . 35 to 65 cts. " 11 x 14 from 50 cts. to \$1 00

All pictures will be fin shed in the best styles, ready to be delivered to customers and sent to your office, two or three days after the negative has been received.

The necessity of an establishment as above has long been felt. Since it is obvious that with the many recent improvements and different styles, it requires more taste, skill and considerable experience, thereby justly making it a distinct and separate branch in photography.

It is apparent that the finishing of larger quantities enables one to produce not alone CHEAPER, but also superior and more satisfactory results.

A long and varied experience in this particular branch, in some of our largest establishments enables us to furnish work equal to the best productions, and in a much shorter time.

Send up your negatives and orders with the card mounts, and we will give you entire satisfaction. All styles of fancy printing.

GOLD AND SILVER SAUCERS.  Gold Saucers, small, each,				The state of the s	
" large, " 20 Silver " med., " 10  **ALBUMEN PAPERS.**  Three Crown, Pensé, White and Pink, Ex. Brilliant, \$0.85 \$32.00 Cross Swords, White and Pink,	GOLD	AND S	ILVER SA	UCERS.	
## large, ## 20 Silver ## med., ## 20  **ALBUMEN PAPERS.**  Three Crown, Pensé, White and Pink, Ex. Brilliant, \$0.85	Gold Saucers, small,	each,		• • • • • • • • • •	\$0 10
ALBUMEN PAPERS.  Three Crown, Pensé, White and Pink, Ex. Brilliant, \$0.85 \$32.00 Cross Swords, White and Pink,	" med.,	"			13
ALBUMEN PAPERS.  Three Crown, Pensé, White and Pink, Ex. Brilliant, \$0.85 \$32.00 Cross Swords, White and Pink,	" large,				20
Three Crown, Pensé, White and Pink, Ex. Brilliant, \$0.85 \$32.00 Cross Swords, White and Pink,	Silver " med.,				IO
Three Crown, Pensé, White and Pink, Ex. Brilliant, \$0.85 \$32.00 Cross Swords, White and Pink,			<del></del>		
Three Crown, Pensé, White and Pink, Ex. Brilliant, \$0.85 \$32 co Cross Swords, White and Pink,	Æ	LBUM	EN PAPE		
Cross Swords, White and Pink,	Thurs Comm. Donal	337h:+	1 D:l. Tr D:11		
" " Ex. Brilliant, 85 32 00 S. & M. Dresden, " " Ex. Brilliant, 85 32 00 N. P. A. " Pensé, " "					
S.& M. Dresden, "" "Ex. Brilliant, 85 32 00  N. P. A. "Pensé, "" "Ex. Brilliant, 85 32 00  Morgan's & H. Ex. " and Pearl, 85 32 00  Hovey, "" "Brilliant, 85 32 00  Peerless, "" "Brilliant, 85 32 00  Irving, "" "Special, 100 38 00  Irving, "" "Special, 100 38 00  Irving, "" "Special, 100 38 00  Feerless, "" and Pearl, 100 38 00  Feerless, "" and Pearl, 100 38 00  Feerless, "" "" " 85 32 00  Feerless, "" " " " " " " " " " " " " " " " " "	,			•	
" " Ex. Brilliant, 85 32 00 N. P. A. " Pensé, " " Ex. Brilliant, 85 32 00 Morgan's & H. Ex. " and Pearl, 85 32 00 Hovey, " " Special, 1 00 38 00 Peerless, " and Pearl, 1 00 38 00 Irving, " " " Special, 1 00 38 00 Irving, " " " 85 32 00 Second Choice, Ex. Brill. White, Pink and Pensé, 60 20 00  PLAIN PAPERS.  Saxe, Medium, Per doz. \$0 49 " 450 " 35 x 45, " " 50 Endless Roll, 54 inch, per yd. 35 " Extra Heavy, " 50 " Extra Heavy, " 50 " Extra Heavy, " 50 " 5 x 8 " " " " " " " " 50  READY SENSITIZED ALBUMEN PAPER.  Size 4 x 5 inches, in 2 dozen light tight rolls, per dozen, \$0 30 " 5 x 8 " " " " " " " " " " 60  " 60	C & M Duardon		LA. Dilliant,	~	
N. P. A. "Pensé, " " Ex. Brilliant,					0 0
" " " " Ex. Brilliant,					,
Morgan's & H. Ex. " " and Pearl,				•	-
# " " " " Brilliant, 85 32 00  Hovey, " " " Special, 100 38 00  Peerless, " and Pearl, 100 38 00  Irving, " " " 85 32 00  Second Choice, Ex. Brill. White, Pink and Pensé, 60 20 00  PLAIN PAPERS.  Saxe, Medium, " 50  " 16 x 40, " 5 x 45, " 7 20  Endless Roll, 54 inch, " 100 38  ** Extra Heavy, " 50  ** Extra Heavy, " 50  ** Extra Heavy, " 50  ** Textra Heavy, " " " " " " " " " " " " " " " " " " "			Ex. Dilliant,	~	,
Hovey, " " Special, 1 co 38 of Peerless, " and Pearl, 1 co 38 of Irving, " " " " 85 32 50 Second Choice, Ex. Brill. White, Pink and Pensé, 60 20 of Peerless, " " " " 85 32 50 Second Choice, Ex. Brill. White, Pink and Pensé, 60 20 of PLAIN PAPERS.  Saxe, Medium,	0				
" " Special, 1 00 38 00 Peerless, " " and Pearl, 1 00 38 00 Irving, " " " 85 32 50 New Eagle, Pensé, " " " 85 32 00 Second Choice, Ex. Brill. White, Pink and Pensé, 60 20 00  PLAIN PAPERS.  Saxe, Medium,	•				, ,
Peerless, " " and Pearl, 1 00 38 00 Irving, " " "					, 00
Trving,	Paorless		Special, .		
New Eagle, Pensé, " "	,		and I carr, .		•
PLAIN PAPERS.  Saxe, Medium,	0,		•	_	0 0
PLAIN PAPERS.  Saxe, Medium, per doz. \$0 49  " Heavy,	rect Bagic, I chise,		•	~	•
Saxe, Medium,	Second Choice, Ex. 1	orm. white	, rink and rens	e, oc	20 00
Saxe, Medium,	-	PT.AT	N PAPERS		
" Heavy, " 50 " 26 x 40, " 4 50 " 35 x 45, " 7 20 Endless Roll, 54 inch, per yd. 35 " Extra Heavy, " 52  READY SENSITIZED ALBUMEN PAPER.  Size 4 x 5 inches, in 2 dozen light tight rolls, per dozen, \$0 30 " 5 x 8 " " " " " 60	Saxe. Medium.	1 11111	I I III IIIV		doz \$0 41
" 26 x 40,					
" 35 x 45,					
Endless Roll, 54 inch,					
READY SENSITIZED ALBUMEN PAPER.  Size 4 x 5 inches, in 2 dozen light tight rolls, per dozen, \$0 30  5 x 8 " " " " " 60	00 .0.	h		per	
READY SENSITIZED ALBUMEN PAPER.  Size 4 x 5 inches, in 2 dozen light tight rolls, per dozen, . \$0 30  " 5 x 8 " " " " " 60					
Size 4 x 5 inches, in 2 dozen light tight rolls, per dozen, . \$0 30	house				3-
" 5 x 8 " " " " " . 60	READY SE	NSITIZ	ZED ALBU	MEN PA	APER.
" 5 x 8 " " " " . 60					
" 18 x 22 " 1 " " " . 3 00	16 18 x 22 "	ı "	66 '66	ii	. 300

This paper does not require fuming, and it prints and tones readily, giving brilliant results.

#### PECK PELLICLE FOREGROUNDS.

Entourage Devant Pellicule, patented Jan. 31, 1882. Twenty-seven different designs. Prices as follows:

Peck Pellicle	Foregrounds	, for	1-4 ne	gative	s, each,		\$1 00
66	66	6.6	5.8	66	66	٠	1 00
66	66	66	4-4	66	66		1 00
66	46	66	8 x 10	66	66		1 50
66	66	66	IO X I2	66	66		2 50
66	66	66	11 x 14	66	66		4 00
66	46	66	14 x 17	66	6.6		5 00

#### PHOTOGRAPHERS' LIBRARY.

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ond Edition.	3 50
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Modern Practice of Retouching,	50
	3-

#### EUREKA OR CHAMPION FERRO, PLATES.

Box of 200, 10 x 14 Black or Chocolate, \$19 00; per doz. \$1 20; Glossy, \$21 00; per doz., \$1 32.

Union, box of 200, 10 x 14 Black only, \$14 50; per dozen, \$0 90.

#### CHALLENGE DRY PLATES.

3\frac{1}{2} x 4\frac{1}{4}, per dozen,				\$0 55	8 x 10, per dozen,			\$3 00
4 x 5, "		•		80	10 x 12,			4 25
$4\frac{1}{4} \times 5\frac{1}{2}$ , "					11 x 14, "		•	5 90
$4\frac{1}{4} \times 6\frac{1}{2}$ , "					14 x 17,			9 00
5 x 7, "	•		•	I 30	17 x 20,		•	13 00
5 x 8, "					18 x 22,		•	17 00
6½ x 8½, "	•			2 00	20 x 24,			21 00

Complete formula for use inclosed in each package. Manufactured for the Professional Photographer, the Scientific Amateur, the Microscopist, the Artist, the Manufacturer, the Pleasure Seeker, and all who wish to preserve an exact and beautiful representation of any object.

Cramer's, Norden's, Beebe's, Eastman's, Crystal, Rochester, and all other makes of Dry Plates furnished at the following prices:

3½ x 4½,	per dozen,			\$0 60	10 x 12, per dozen,			\$4 70
4 × 5,	66	•		85	11 x 14, "	٠		6 15
$4\frac{1}{4} \times 5\frac{1}{2}$	"	٠		95	14 x 17, "	•	•	9 30
$4\frac{1}{4} \times 6\frac{1}{2}$ ,	66				16 x 20, "	٠	•	15 00
5 x 7,					17 x 20, "			16 00
5 x 8,	66				18 x 22, "	•	•	19 00
$6\frac{1}{2} \times 8\frac{1}{2}$	66				20 x 24, "		•	22 00
8 x 10,	66			3 20	1			

#### CUT FERROTYPE PLATES.

1-4 Size	31 × 41	Black	E. S. p	er box	of 8 dozen,			\$1 40
I-2 "	$4\frac{1}{4} \times 5\frac{1}{2}$	66	66	66	4 "			1 65
5 x 7 "	5 x 7	"	66	66	2 "			1 8o
7 x 10 "	7 x 10	"	66	66	2 "			2 40

#### CHALLENGE FERRO. PLATES.

Box of 200, 10 x 14 Black Eggshell, \$7 00 . . . . per doz. \$0 60

The above subject to market fluctuations.

#### Oxalate Developing Bottle.

All supplied with pure rubber tubing (guaranteed).

Bottle t	o hold	I	pint of	solution,	price each,				\$o 6o
66	66	I	quart	6.6	66				75
66	66	2	46	66	66				1 00
66	66	I	gallon	66	66				1 25

#### The American Songster.

A decided novelty. One of the best Baby Charmers ever offered to the trade. Made of metal, nickel-plated.

The songsters are painted in a variety of bright colors in almost perfect imitation of life.

They sing as clear and liquid as the best living song birds. Are substantially and hand-somely made and finished, and not liable to get out of order.

While the bird sings, it moves its mouth (or bill) and tail in exact imitation of a living bird.

In addition to its being a photographic novelty, it is highly useful in teaching birds to sing.

It supersedes the bird organ, and when used near a bird, it will induce it to start up its best notes immediately.

#### No. 150 Patented.

Each songster packed in a neat box. Price, \$1 00.



#### Gas Furnaces and Steves.

Inodorous Gas Furnaces.

The burners used in these furnaces are constructed upon strictly scientific principles, ensuring a perfect combustion of the gas, giving the greatest heat without odor or soot. They are indestructible, no perforated tin or wire gauze being used.



No. 8. \$2 50. Consumes four feet per hour.



No. 9. \$5 00.

Consumes five feet per hour, and produces a diffused heat. Burner cannot be extinguished or clogged by the overflowing of liquids.



Consumes six feet per hour. The burner forms a compound blow-pipe, and produces the most intense heat. Especially adapted to chemists' and laboratory purposes. Will also heat

Common Gas Stove.

a room 8 x 12 feet.



Crescent pattern. \$1 50

Gas Heating Stoves.



These have an indestructible burner, and, by the use of a quick-lime purifier, neutralize all gases deleterious to health. They are admirably suited for warming operating-rooms, reception and dressing-rooms.

No. 11. Heats a room 8 x 10, \$10. No. 12. " 12 x 15, 12.

No. 13. " 18 x 25, 15. No. 14. " 20 x 30, 25.

# ENVELOPES FOR MAILING PHOTO-GRAPHS.

GRA	PHS.
Granite Imperial size, 1000, \$4 00	Granite Panel_size, per 1000, \$4 50
" Card " " 2 40	Manilla " " 4 00
Manilla Imperial "heavy, 3 50	Imprint per 1,000 75 cts. extra.
" " medium, 2 50	
SCREW	EYES.
No. 114 per gross. \$0 30	No. 110 per gross. \$0 45
" 113 " 38	" 109 " 48
" 112 " 40	" 108 " 55
" 111 " 43	
BACKB	OARDS.
8°x 10 Square Cut	\$0.70
10 x 12 " "	
10 x 12	
DIGENT	T CODD
PICTUR	E CORD.
No. o per piece, 24 yards, \$0 23	No. 5 per piece, \$0.75
" <sub>I</sub> " " " 30	" 6 " " 92
" 2 " " " 37	" 7 " · · · · · · · · · · · · · · · · ·
" 3 " " 50	" 8 " " I 20
" 4 " " 63	
	·
WIDE	CORD.
W ILL	Tinned. Gold Plated.
No. o per coil of 25 yards,	\$0.05 \$0.54
" I	10 72
" 2	
" 3	22 1 50
" 4	30 2 25
" 5	38 3 00
HARD RUBB	ER FUNNELS.
	No. 2. 1 pint, \$ 48
I. I-2 " 42	3. 1 quart, 33

ETCETERAS.									
Cake Water Colors, per c	ake or box,	to order,	20 cents to \$9 00						
Dry Colors (Anderson's),									
Filtering Cotton, per lb.,									
Indian Ink, (Lion head), 1	er stick,		15						
Opaque (Gihon's), per bo									
	, , , , , , , , , , , , , , , , , , , ,								
DOUBLE EM	BOSSEI	PERBLE	D MATS.						
Assorted colors, gilt fill									
, 0		per dozen							
" 10 x 12, "	2 50,		35						
" II X I4, "	3 50,	"	• • • 45						
" 13 х 16, "	6 25, .	"	80						
" 14 x 17, "	6 75, .		90						
" 16 x 20, "	7 75, .		100						
" 18 x 22, "	8 00, .		1 10						
" 20 x 24, "	11 75, .		1 50						
" 22 x 28, "	13 50,	"	I 75						
No. 80—English mat (		ore) thick cardb							
—gilt edge line, oval, arcl			oard, cut on a bever						
Size, 8 x 10, per dozen,	•	Size, 16 x 20, pe	r dozen, . \$2 00						
" 10 x 12. "	. 55	" 18 x 22.	" . 2 25						
" II x 14, "	. 75	" 20 x 26,	" . 250						
" 13 x 16, "	. I 25	" 22 x 28,	" . 265						
" 14 x 17, "	. 1 35	,							
No. 212½—Pebble par		(accorted colors	) thin hurnish gold						
bevel, oval, arch and squa		· · · · · · · · · · · · · · · · · · ·	) time burnish gold						
Size, 8 x 10, per dozen,		Size, 13 x 16, pe	er dozen, . \$3 75						
" IO X 12. "	2 25	" 14 x 17,	" . 4 50						
" II x I4, "	3 00	16 x 20,	" 5 25						
No. 212—Pebble pape	,	,							
gold bevel, oval, arch and	, ,	.,	catta deep buttish						
Size, 8 x 10, per dozen,		Size, 16 x 20, pe	er dozen \$8 oo						
" 20 x 12, "	. \$2 00 . 3 75	" 18 x 22.	" . 900						
" II X I4, "	. 425	" 20 x 24,	" . 10 50						
• • • • • • • • • • • • • • • • • • • •	4 4 3	20 1. 24,	0 30						
" 13 x 16, "	. 5 00	" 22 x 27,	" , 13 00						

6 00

Larger sizes to order.

" 14 x 17, "

#### FERROTYPE ENVELOPES.

	Description. Pe	r 1000.
No.	15, Oval or Arch Top Openings, 3 x 4½, with Pink Flap, Buff	. 1000
	or Pearl Cards, Red Borders, for Cabinet Size Ferrotypes,	\$8 50
"	12, Oval or Arch Top Openings, 2 x 31, Pink Flap, Buff or	
	White Cards, Embossed,	3 75
"	13, Oval Openings or Arch, 17 x27, Floral Designs,	5 75
6.6	11, Oval or Arch Top Openings, 2 x 31, Brown Flap, Maroon	
	Color Cards, Gilt Borders,	2 65
66	11, Oval or Arch Top Openings, 2 x 31, Pink Flap, Buff or	
	White Cards, Gilt or Red Borders,	2 65
"	11, Oval or Arch Top Openings, 2 x 31, Pink Flap, Pearl	
	Color Cards, Red Borders,	
66	20, Cabinet or Imperial Size, Pink, Arch Top Op'gs, 34 x 54,	14 25
"	21, Half Size, Pink, Round Corner Openings, 3\frac{1}{3} x 4\frac{1}{2},	11 90
eè.	22, Victoria Size, Pink, Oval Openings, 2\frac{5}{8} \times 3\frac{5}{8}, \ldots \cdots \cdots	9 50
66	23, Card Size, Side Flap, Embossed, Oval Openings, 2 x 3\frac{1}{4},	
	Buff, Pink, Green or White,	5 50
66	24, Card Size, Side Flap, Embossed, Arch Top Openings,	
66	2 x 3½, Buff, Pink, Green or White,	5 50
••	27, Gem Size, Side Flap, Embossed, Oval Opening, 1\frac{3}{4} \times 2\frac{7}{3},	
66	Buff, Pink, Green or White,	4 50
•	28, Gem Size, Side Flap, Embossed, Arch Top Openings,	
66	1\frac{3}{4} \times 2\frac{7}{3}, Buff, Pink, Green or White,	4 50
	70 1	2.05
	Borders,	3 25
	CATERSON'S IMPROVED FERROTYP	E
	HOLDERS.	
T	he following are the designations, sizes and prices per 1000.	
•	Black, Rose or Gray Cards, with Gilt Borders.	
	Buff, Rose or Pearl Cards, with Red Borders.	
Nos	3. 3, 4, $4\frac{1}{2}$ 5 and 6, Oval Openings,	\$4 00
"	9 and 10, Arch Top Openings,	4 00
	30, Oval and Arch Top Openings,	4 00
66	31, Rose Tint or Black, Gilt Borders, Oval and Arch Top	
	Openings, $3^{\frac{1}{2}}$ x 5, for Cabinet Size,	18 00

#### WHITE WIRE LILY EASELS.

#### Lily Picture Easels.

No.	00, $3\frac{1}{2}$	inch high,	per dozen,								. 1		\$0 50
66	0, 4	"	6.6										65
66	$1,^{5}5\frac{1}{2}$	66	"						•				75
66	2, 7	66	"						•	٠			1 00
66	$3, 8\frac{1}{2}$	66	"										1 25
66	4, 12	1 66					•		•				I 75
66	5, 12	} "	**	•	•	•	•	•	wit	h h	100	k,	2 25

#### RUSTIC LILY PICTURE EASELS.

No.	00,	3 <sup>1</sup> / <sub>2</sub>	inch high,	per dozen,								\$0 50
"	0,	4	66	46						•		65
66	I,	$5^{\frac{1}{2}}$	66	66								- 75
66	2,	7	66	66	•		•	•	•			1 00
66	3,	$8\frac{1}{2}$	66	"								I 25
66	4,	12	1 "	66		•					٠	1 75
Put	up :	in h	oxes of on	e dozen.								

#### LILY PLAQUE EASELS.

No. o, per dozen,	•	•	•	\$2 00	No. 3, per dozen,	•	٠	٠	\$3 50
" I, "				2 50	4; "	•			4 00
" 2, "				3 00					

#### LILY SHELL EASELS.

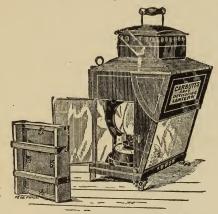
No. o, per dozen,		٠	\$1 00	No. 3, per dozen,		\$2 00
" 2, "	š		1 50			

#### ANTHONY'S ANTI-FRILL,

For use with the ordinary gelatino-bromide dry plates when treated with the ferrous-oxalate developer. Price, in 8-ounce bottles, 45 cts.; lbs., 80 cts.; qts., \$1 55; ½ gal., \$3 00. Full directions on the labels.

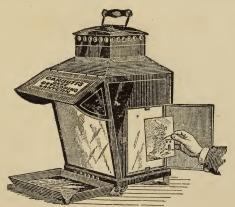
#### CARBUTT'S MULTUM IN PARVO DRY PLATE LANTERN.

PAT. APRIL 25, 1882. []



Lantern arranged for making positives by contact.

The following are some of the advantages possessed by this Lantern: It saves your eyesight. It is simple and easy to manage, nothing com-



Lantern arranged for developing, and after fixing, examining negatives by opal light.

plicated, yet has three separate and distinct forms of light. It is adapt-

el for the use of either oil or gas; is about nine inches square by fourteen high, with eight by ten deep ruby glass in front. Each lantern is provided with a coal-oil lamp, with improved patent burner, and silvered reflector, which may be revolved in any direction, and operated from the outside. By removing the revolving lamp bed, a hole will be found through which a gas burner can be introduced.

It can be used for seven or more different operations in photography, several of which have never been combined in any one lintern.

#### Anthony's Perfect Dry Plate Lantern.



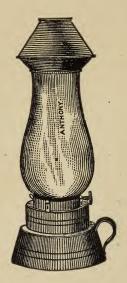
Amateur photographers and, indeed, professionals have frequently expressed a desire for a compact, safe, and simply constructed lantern for dry plate work. Several have been placed in the market, but either their dimensions were too great, their cost too considerable, or their adaptability too inadequate for the purpose desired. It will be observed that in the Perfect Lantern all the parts are separable, and all are easily and quickly adjusted. It has no hinges nor armholes to break, and every part of it is instantly and always accessible. Therefore—

It can be instantly extinguished; it will never crack the chimney; it requires no (hardly any) care to keep it clean; it is impossible to misunderstand it; it will never get out of order; it never needs attention; it

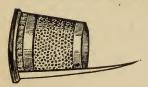
requires but little oil; it yields a matchless flame; it never ceases to burn when ignited, if the oil cup is filled; it is abundantly wicked; it may be constantly ignited; it is proof against breakage. Price, \$1 50.

#### Oil Lamp with Ruby Chimney.

The accompanying illustration represents the new oil lamp for use in developing gelatino-bromide plates. It is expressly made for the purpose, and is intended for use with kerosene oil. The chimney is of ruby colored glass of the proper and most desirable tint, and surmounted with a movable top to intercept the upward radiation of the light of the lamp. Price, \$1 50.



#### SCOVILL'S EFFICIENT PLATE LIFTER.



This Plate Lifter is very nearly like an ordinary open end thimble with a pointed piece of metal soldered securely to it, as shown in the illustration. Where a number of plates are developed in one dish, this Plate Lifter is not only a convenience,

but quite a necessity. Price, 10 cents each.



2/88 NEXT

Special 91-B 33827

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# REMEMBER,

of pay the very highest prices (in trade) for salable benses, Apparatus, etc., that you may have no use for or wish to exchange, thus enabling you to make use of idle capital.—

the the the tenth of the tenth